

iGEM TU/e 2014

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Labelling cells with antibodies

Table of contents

Title			
Labelling cells with antibodies	1	Antibody labelling	3

1 Labelling cells with antibodies

- Necessities:
 - Hemagglutinin mouse antibodies (2 μM)
 - Buffer: PBS-0.1%BSA

- Prepare the following tubes:

Tube	[Ab]	Buffer volume to add	Cells(10^7)	Antibody volume to add
				2.00 μM
1	0	150 μL	50 μL	
2	316 nM	150 μL	50 μL	33.82 μL
3	100 nM	150 μL	50 μL	10.19 μL

- React for 1 hour on ice
- Prepare FACS samples:
 - Spin down the cells for 5 min 13,400 rpm
 - Discard the supernatant and resuspend with 1 mL ice cold PBS-0.1%BSA
 - Spin down the cells for 5 min 13,400 rpm
 - Discard the supernatant and put the pellets on ice until FACS
 - Right before FACS: resuspend with 200 μL ice cold PBS-0.1%BSA